Supporting Information Table S4 ^{210}Po analyses of lava sample aliquots and analysis metadata used to calculate ages of samples used in Figure 9 and Table 3

Sample and Analytical metadata												
Sample	IGSN	collection date	Aliq. #	Po plate date	detector	total dry mass	total spike	aliquot percent	aliquot dry mass	aliquot spk mass	^{210}Po (dpm/g)	err 1sig
J2-413-R02	KHR000002	6-May-09	1	27-Sep-09	3a	0.324	0.484	37.288	0.324	0.4845	0.334	0.008
			2	7-Jan-10	3a	0.324	0.484	32.78	0.2848	0.4259	0.419	0.011
			3	7-Oct-10	3a	0.324	0.484	29.932	0.26	0.3889	0.489	0.013
J2-413-R13	KHR000008	6-May-09	1	17-Jun-09	3b	1.5163	2.2355	37.523	0.569	0.8388	0.162	0.005
			2	22-Oct-09	2a	1.5163	2.2355	24.189	0.3668	0.5407	0.331	0.01
			3	4-Oct-10	2a	1.5163	2.2355	21.734	0.3296	0.4859	0.489	0.014
			4	12-Jan-11	2a	1.5163	2.2355	16.554	0.251	0.3701	0.503	0.011
J2-414-R12	KHR00000B	7-May-09	1	30-Aug-09	4a	0.9942	1.104	38.515	0.3829	0.4252	0.316	0.011
			2	22-Nov-09	4a	0.9942	1.104	32.546	0.3236	0.3593	0.369	0.01
			3	23-Nov-10	4a	0.9942	1.104	28.939	0.2877	0.3195	0.481	0.011
J2-414-R27	KHR00000E	7-May-09	1	25-Oct-09	1a	0.7978	1.1688	35.418	0.2826	0.414	0.457	0.014
			2	4-Oct-10	1a	0.7978	1.1688	33.686	0.2688	0.3937	0.449	0.013
			3	17-Mar-11	1a	0.7978	1.1688	30.896	0.2465	0.3611	0.448	0.01
J2-417-R09	KHR000018	10-May-09	1	27-Sep-09	3b	0.8533	1.1969	37.73	0.32194	0.4516	0.434	0.009
			2	7-Jan-10	3b	0.8533	1.1969	31.036	0.2648	0.3715	0.487	0.014
			3	7-Oct-10	3b	0.8533	1.1969	31.234	0.2665	0.3738	0.496	0.016
J2-418-R18	KHR00001I	11-May-09	1	4-Aug-09	2a	1.0344	1.5423	41.996	0.4344	0.6477	0.249	0.008
			2	18-Nov-09	2a	1.0344	1.5423	30.716	0.3177	0.4737	0.357	0.008
			3	22-Nov-10	2a	1.0344	1.5423	27.287	0.2823	0.4209	0.496	0.013
J2-420-R16	KHR000020	12-May-09	1	30-Aug-09	4b	0.7133	1.1044	39.217	0.2797	0.4331	0.456	0.014
			2	22-Nov-09	4b	0.7133	1.1044	31.177	0.2224	0.3443	0.456	0.011
			3	23-Nov-10	4b	0.7133	1.1044	29.606	0.2112	0.327	0.461	0.013
J2-420-R17	KHR000021	12-May-09	1	4-Aug-09	2b	1.0033	1.527	40.526	0.4066	0.619	0.429	0.012
			2	18-Nov-09	2b	1.0033	1.5273	31.481	0.3159	0.4808	0.426	0.011
			3	22-Nov-10	2b	1.0033	1.5273	27.992	0.2808	0.4275	0.459	0.012
J2-420-R23	KHR000022	12-May-09	1	8-Jun-09	1a	2.4354	3.702	51.69	1.2589	1.9136	0.103	0.003
			2	26-Sep-09	1a	2.4354	3.702	21.195	0.5162	0.7846	0.269	0.008
			3	5-Jan-10	1a	2.4354	3.702	14.706	0.3581	0.5444	0.377	0.009
			4	12-Jan-11	1a	2.4354	3.702	12.41	0.3022	0.4594	0.474	0.009
Q332-R05	KHR000109	24-Sep-12	1	13-Nov-12	1a	0.7978	1.1688	35.418	0.2826	0.414	0.497	0.016
			2	14-Jan-13	1a	0.7978	1.1688	33.686	0.2688	0.3937	0.501	0.013
			3	25-Mar-13	1a	0.7978	1.1688	30.896	0.2465	0.3611	0.504	0.015

IGSN are international geosample numbers, registered through www.geosamples.org. 210Po and age data are available at doi:10.1594/IEDA/100444. Samples were analyzed as aliquots of a 209Po-spiked solution as indicated by the "aliq #" on one of 8 detectors (numbered 1a through 4b). Sample and spike dry mass, as well as aliquot masses and resulting 210Po activity and error are also shown.